Board of Education Approved Industry Certifications, Occupational Competency Assessments, and Licensures					
	Revised November 30, 2005				
		Meets Board of Education Criter			
Name of Credential	Issuing Organization	Student Selected Verified Credit	Career and Technical Education Seal	Advanced Mathematics and Technology Seal	
Agricultural Education					
Agriculture Mechanics Assessment	National Occupational Competency Testing Institute (NOCTI)	X			
Air Cooled Gas Engine Assessment	National Occupational Competency Testing Institute (NOCTI)	Х			
Floriculture-Greenhouse Assessment	National Occupational Competency Testing Institute (NOCTI)	Х			
Forestry Products & Processing Assessment	National Occupational Competency Testing Institute (NOCTI)	Х			
Greenhouse Operators Certification Program	Southeast Greenhouse Growers Association	Х	X		
Horticulture-Floriculture Assessment	National Occupational Competency Testing Institute (NOCTI)	Х			
Horticulture-Landscaping Assessment	National Occupational Competency Testing Institute (NOCTI)	Х			
Horticulture-Olericulture Assessment	National Occupational Competency Testing Institute (NOCTI)	Х			
Outdoor Power Equipment Certifications (Pass any one Outdoor Power Equipment exam)	Equipment and Engine Training Council	Х	Х		
Production Agriculture Assessment	National Occupational Competency Testing Institute (NOCTI)	Х			
Commercial Pesticide Applicator Certification	Virginia Department of Agriculture and Consumer Services	Х	Х		
Business and Information Technology					
Accounting-Basic	National Occupational Competency Testing Institute (NOCTI)	X			
Accounting - Complete Assessment	National Occupational Competency Testing Institute (NOCTI)	Х			
Administrative Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)	х			
Adobe Certified Expert (ACE)	Adobe Systems Incorporated	X	X	Х	
Brainbench Network Administration Certifications (Pass any one test in this category)	Brainbench	Х	X	X	
Brainbench Systems Administration Certifications (Pass any one test in this category)	Brainbench	Х	x	х	
Brainbench Technical Support Certifications (Pass any one test in this category)	Brainbench	Х	X	X	
Brainbench Software Development Certifications (Pass any one test in this category)	Brainbench	Х	Х	X	

Board of Education Approved Industry Cer	tifications, Occupational Competer	cv Assessmen	ts, and Licens	ures	
	Revised November 30, 2005				
		Meets B	oard of Educat	ion Criteria	
Name of Credential	Issuing Organization	Student Selected Verified Credit	Career and Technical Education Seal	Advanced Mathematics and Technology Seal	
Brainbench Web Design and Development Certifications (Pass any one test in this category)	Brainbench	X	X	Х	
Brainbench Web Administration Certifications (Pass any one test in this category)	Brainbench	Х	X	X	
Brainbench Desktop Publishing Certifications (Pass any one test in this category)	Brainbench	Х	X	X	
Certification for Legal Professionals (ALS)	Associate for Legal Professional (NALS)	Х	X		
Certified Internet Webmaster Associate	ProsoftTraining	Х	Х	X	
Certified Internet Webmaster Associate: Internet Business Foundations Examination	ProsoftTraining	Х	X	X	
Certified Internet Webmaster Associate: Site Development Foundations Examination	ProsoftTraining	Х	Х	X	
Certified Internet Webmaster Associate: Network Technology Foundations Examination	ProsoftTraining	Х	Х	X	
Certified Internet Webmaster Professional	ProsoftTraining	Х	X	X	
Certified Novell Administrator (CNA)	Novell	X	X	X	
Customer Support Specialist Certification	Help Desk Institute	X	X	X	
Fundamentals of Wireless LANs Examination	Cisco Systems	X	X	X	
International Computer Driving License	ICDL US	X	X	X	
IC3 Certification	Certiport	X	X	X	
iNet+ Certification	CompTIA	X	X	X	
Java Programming Examination	Cisco Systems	X	X	X	
Linux+ Certification	CompTIA	X	X	X	
Macromedia Certified Professional	Macromedia	X	X	X	
Master CIW Administrator Certification	ProsoftTraining	X	X	X	
Master CIW Designer Certification	ProsoftTraining	X	X	X	
Master CIW Enterprise Developer Certification	ProsoftTraining	X	X	X	
Master CIW Web Site Manager Certification	ProsoftTraining	X	X	X	
Microsoft Certified Applications Developer (MCAD)	Microsoft	X	X	X	
Microsoft Certified Professional (Pass any one Microsoft Professional certification exam)	Microsoft	X	X	X	
Microsoft Certified Systems Administrator (MCSA)	Microsoft	Х	X	Х	
Microsoft Certified Systems Engineer (MCSE)	Microsoft	X	X	X	
Microsoft Office Specialist (MOS)-(Pass any one unique MOS exam at the core level)	Microsoft	X	X		
Network+ Certification	CompTIA	Х	X	X	
Oracle Certification Program Examinations (Pass any one Oracle certification exam)	Oracle Corporation	X	X	X	
Sun Certified Associate for Java 2 Platform	Sun Microsystems	Х	X	X	

Board of Education Approved Industry Cer		ncy Assessmen	nts, and Licens	ures
	Revised November 30, 2005 Meets Board of Education Criteria			Critoria
Name of Credential	Issuing Organization	Student Selected Verified	Career and Technical Education	Advanced Mathematics and Technology
		Credit	Seal	Seal
Unix Examination	Cisco Systems	X	X	X
Web Design Examination	Cisco Systems	Х	Х	X
WOW Certified Apprentice Webmaster (CAW)	World Organization of Webmasters	X	Х	X
WOW Certified Web Administrator Apprentice (CWAA)	World Organization of Webmasters	Х	X	X
WOW Certified Web Designer Apprentice (CWDSA)	World Organization of Webmasters	Х	X	X
WOW Certified Web Developer Apprentice (CWDVA)	World Organization of Webmasters	Х	Х	Х
Family and Consumer Sciences				
Commercial Foods Assessment	National Occupational Competency Testing Institute (NOCTI)	X		
Early Childhood Care and Education Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Food Production Management and Services Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Hospitality ManagementFood and Beverage Option Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Hospitality Management-Lodging Option Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
ProStart Program Certification (Levels I and/or 2)	Education Foundation of the National Restaurant Association	Х	Х	
Retail Commercial Baking Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
START Certification (Hospitality Skills)	American Hotel and Lodging Association (AH&LA)	Х	Х	

Board of Education Approved Industry Certifications, Occupational Competency Assessments, and Licensures				
	Revised November 30, 2005	1		
		Meets	Board of Educat	tion Criteria
Name of Credential	Issuing Organization	Student Selected Verified Credit	Career and Technical Education Seal	Advanced Mathematics and Technology Seal
Health and Medical Sciences				
Certified Dental Assistant: Infection Control	Dental Assisting National Board,	X	X	
Examination (ICE)	Inc.			
Certified Dental Assistant: Radiation Health & Safety Examination (RHS)	Dental Assisting National Board, Inc.	Х	X	
Dental Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Emergency Medical Technician	Department of Health, Office of Emergency Medical Services	Х	X	
Health Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Home Health Aide Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Medical Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
National Health Care Foundation Skills Standards Assessment	National Consortium on Health Science & Technical Education	Х		
NRDA Certification (Dental Assisting)	National Allied Health Registry/National Association for Health Professionals	X	Х	
NRDA Certification (Medical Assisting)	National Allied Health Registry/National Association for Health Professionals	Х	Х	
Nurse Aide	Virginia Board of Nursing	X	X	
Nursing Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)	X		
Radiology Safety Examination	Virginia Board of Dentistry	X	X	
Virginia Pharmacy Technician Examination	Virginia Board of Pharmacy	Х	Х	
Marketing Education				
Advanced Concepts of Business and Marketing Certification	ASK Institute (DECA/MarkED)	X	X	
Fundamental Concepts of Business and Marketing Certification	ASK Institute (DECA/MarkED)	Х	X	

Board of Education Approved Industry Ce	ertifications, Occupational Competen	cy Assessmer	nts, and Licens	ures
**	Revised November 30, 2005	•		
			Board of Educat	
Name of Credential	Issuing Organization	Student Selected Verified Credit	Career and Technical Education Seal	Advanced Mathematics and Technology Seal
Lodging Management Program Certification (Levels 1 and/or 2)	American Hotel and Lodging Association (AH&LA)	X	X	
National Professional Certification in Customer Service	National Retail Federation Foundation	Х	Х	
Retail Trades Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Technology Education				
AutoCAD Certifications	Brainbench	х	X	
Electronic Technology Assessment	National Occupational Competency Testing Institute (NOCTI)	X		
Manufacturing Technology Assessment	National Occupational Competency Testing Institute (NOCTI)	X		
Pre-Engineering Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Trade and Industrial Education				
A+ Certification	CompTIA	X	X	X
A+ Certification: Operating Systems Technologies Examination	CompTIA	X	Х	Х
A+ Certification: Core Hardware Examination	CompTIA	X	X	X
Access Certification	American Culinary Federation, Inc. (ACF)	Х	Х	
Advertising and Design Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Air Conditioning Certification	HVAC Excellence	X	X	
Audio-Visual Communications Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Automotive Technician Examination (ASE)—(Pass any one exam from Automobile Technician Test Series)	National Institute for Automotive Service Excellence	Х	Х	
		l	1	1

	Board of Education Approved Industry Cer	tifications, Occupational Competen	cy Assessmer	its, and Licens	sures
Name of Credential Selected Selected Credit Selected Credit Selected Credit Selected Mathematics and Technical Education Seal Selected Mathematics Seal Se		Revised November 30, 2005			
Rational Organization Selected Verified Reducation			Meets I	Board of Educat	ion Criteria
Testing Institute (NOCTI) Automotive Youth Educational Systems (AYES) Exit Examinations (Pass any two AYES exit exams) Basic Principles of Construction: Residential Construction Academy Examination BICSI Registered Installer Certification, Level 1 BICSI (International Telecommunications Association) Automotive Youth Educational X X X Basic Principles of Construction: Residential BICSI (International Telecommunications Association) CAD Assessment National Occupational Competency Testing Institute (NOCTI) Cabinetmaking Assessment National Occupational Competency Testing Institute (NOCTI) Carpentry Assessment National Occupational Competency Testing Institute (NOCTI) Carpentry: Residential Construction Academy Examination Carpentry: Residential Construction Academy Builders Institute Carpentry, National Construction Career Test National Center For Construction Education & Research (NCCER) Carpentry Level One, National Construction Career Test Carpentry Level One, National Construction Career Test Carpentry Evel One, National Construction Career Test Certified Computer Service Technician Electronics Technicians Association, International (ETA) Certified Fiber Optics Installer (CFOI) The Association of Communications Association, International Electronics Technicians Association, International Electronics Electronics Electronics Electronics Elect	Name of Credential	Issuing Organization	Selected Verified	Technical Education	Mathematics and Technology
Examinations (Pass any two AYES exit exams) Systems Basic Principles of Construction: Residential Delmar Thomson Learning/Home X X Construction Academy Examination Builders Institute BICSI (International X X X X Telecommunications Association) X X X X X X X X X	Architectural Drafting Assessment		х		
Bullders Institute Bullders Institute			Х	Х	
Telecommunications Association) CAD Assessment National Occupational Competency Testing Institute (NOCTI) Capentry Assessment National Occupational Competency Testing Institute (NOCTI) Carpentry Assessment National Occupational Competency Testing Institute (NOCTI) Carpentry: Residential Construction Academy Delmar Thomson Learning/Home Examination Carpentry, National Construction Career Test National Center For Construction Academy Examination Carpentry, National Construction Career Builders Institute Carpentry, National Construction Career Builders Institute Carpentry Level One, National Construction Career Builders Institute Carpentry Level One, National Construction Career Builders Institute Cartified Computer Service Technician Electronics Technicians Association & Research (NCCER) Certified Electronics Technician Associate (CET) Electronics Technicians Association, International (ETA) Certified Fiber Optics Installer (CFOI) The Association of Communications Electronics Schools, International Certified Satellite Dish Installer Electronics Technicians Association, International (ETA) CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4) CISCO CCNA Examination: Interconnecting CISCO CISCO Systems X X X X X X X X X X X X X X X X X X X	Construction Academy Examination		х	х	
Cabinetmaking Assessment Cabinetmaking Assessment Carpentry Assessment Carpentry Assessment Carpentry: Residential Construction Academy Examination Carpentry, National Construction Academy Examination Carpentry, National Construction Career Test Carpentry Level One, National Construction Career Rational Center For Construction Education & Research (NCCER) Certified Computer Service Technician Electronics Technicians Association, International (ETA) Certified Fiber Optics Installer (CFOI) The Association of Communications & Electronics Schools, International Certified Satellite Dish Installer CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4) CISCO CCNA Examination: Interconnecting CISCO CISCO Systems X X X X X X X X X X X X X X X X X X X X X X X X X X	BICSI Registered Installer Certification, Level 1		Х	Х	
Testing Institute (NOCTI) Carpentry Assessment National Occupational Competency Testing Institute (NOCTI) Carpentry: Residential Construction Academy Examination Carpentry, National Construction Career Test National Center For Construction Education & Research (NCCER) Carpentry Level One, National Construction Career Rational Center for Construction Education & Research (NCCER) Certified Computer Service Technician Electronics Technicians Electronics Technicians Association, International (ETA) Certified Fiber Optics Installer (CFOI) The Association of Communications Electronics Schools, International Certified Satellite Dish Installer Electronics Technicians Association, International (ETA) X X X X X X X X X X X X X		National Occupational Competency	х		
Testing Institute (NOCTI) Carpentry: Residential Construction Academy Examination Delmar Thomson Learning/Home Builders Institute Carpentry, National Construction Career Test National Center For Construction Education & Research (NCCER) Carpentry Level One, National Construction Career National Center for Construction Education & Research (NCCER) Certified Computer Service Technician Electronics Technicians Certified Electronics Technician Associate (CET) Electronics Technicians Association, International (ETA) Certified Fiber Optics Installer (CFOI) The Association of Communications Electronics Technicians International Certified Satellite Dish Installer Electronics Technicians Association, International (ETA) CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4) CISCO CCNA Examination: Interconnecting CISCO CISCO Systems X X X X X X X X X X X X X	Cabinetmaking Assessment	Testing Institute (NOCTI)	X		
Examination Builders Institute Carpentry, National Construction Career Test National Center For Construction Education & Research (NCCER) Carpentry Level One, National Construction Career National Center for Construction Education & Research (NCCER) Certified Computer Service Technician Electronics Technicians Association, International (ETA) Certified Electronics Technician Associate (CET) Electronics Technicians Association, International (ETA) Certified Fiber Optics Installer (CFOI) The Association of Communications & Electronics Schools, International Certified Satellite Dish Installer Electronics Technicians Association, International (ETA) CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4) CISCO Certified Networking Associate (CCNA) CISCO Systems X X X CISCO CCNA Examination: Interconnecting CISCO CISCO Systems X X X X	Carpentry Assessment	Testing Institute (NOCTI)	X		
Education & Research (NCCER) Carpentry Level One, National Construction Career National Center for Construction X X X			х	Х	
Education & Research (NCCER)			Х	X	
Association, International (ETA) Certified Electronics Technician Associate (CET) Electronics Technicians Association, International (ETA) Certified Fiber Optics Installer (CFOI) The Association of Communications Electronics Schools, International Certified Satellite Dish Installer Electronics Technicians Association, International (ETA) CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4) CISCO Certified Networking Associate (CCNA) CISCO Systems X X X X X X X X X X X X X			х	х	
Association, International (ETA) Certified Fiber Optics Installer (CFOI) The Association of Communications X X X Electronics Schools, International Certified Satellite Dish Installer Electronics Technicians X X X Association, International (ETA) CISCO CCNA Academy End-of-Course Examinations (Pass CISCO Systems X X X any two end-of-course exams, Levels 1-4) CISCO Certified Networking Associate (CCNA) CISCO Systems X X X CISCO CCNA Examination: Interconnecting CISCO CISCO Systems X X X X	Certified Computer Service Technician		Х	X	Х
& Electronics Schools, International Certified Satellite Dish Installer Electronics Technicians Association, International (ETA) CISCO CCNA Academy End-of-Course Examinations (Pass CISCO Systems X X X X X X X X X X X X X	Certified Electronics Technician Associate (CET)		X	X	
Association, International (ETA) CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4) CISCO Certified Networking Associate (CCNA) CISCO CCNA Examination: Interconnecting CISCO CISCO Systems X X X X X X X X X X X X X	Certified Fiber Optics Installer (CFOI)	& Electronics Schools,	Х	Х	
any two end-of-course exams, Levels 1-4) CISCO Certified Networking Associate (CCNA) CISCO Systems X X X CISCO CCNA Examination: Interconnecting CISCO CISCO Systems X X X X	Certified Satellite Dish Installer		X	X	
CISCO CCNA Examination: Interconnecting CISCO CISCO Systems X X X		CISCO Systems	X	Х	Х
Networking Devices Examination		CISCO Systems	X	Х	X
	3				
CISCO CCNA Examination: Introduction to CISCO CISCO Systems X X X		CISCO Systems	X	X	X
Networking Technologies Examination National Occupational Competency X		Notional Oggunational Commeters	77		
Testing Institute (NOCTI)	COTITISTON REPAIR ASSESSMENT		X		
Collision Repair and Refinishing Technician (ASE) - National Institute (NOCIT) (Pass any one exam from Collision Repair & Refinish Test Series) X X X Test Series	(Pass any one exam from Collision Repair & Refinish	National Institute for Automotive	Х	Х	

Name of Credential Collision Repair/Refinishing Technology Assessment Commercial Air Conditioning Certification Commercial Refrigeration Certification HVAC Excell Commercial Refrigeration Certification HVAC Excell Construction Electricity Assessment National Octob Testing Ins Construction Masonry-Blocklaying Assessment National Octob Testing Ins Construction Masonry-Bricklaying Assessment National Octob Testing Ins Copper Based Cabling Certification Copper Based Cabling Certification RBT Systems Core: Introductory Craft Skills, National Construction Career Test Cosmetology Assessment National Octob Testing Ins Criminal Justice Assessment National Octob Testing Ins Data Cabling Installer Certification (DCIC) Electronics Association Diesel Engine Mechanics Assessment National Octob Testing Ins	mber 30, 2005 anization Stu Sel Ver Cre Ccupational Competency titute (NOCTI) ence ence cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI)	Meets Boardent Lected Lected Lectified Ledit X X X X	Career and Technical Education Seal	
Collision Repair/Refinishing Technology Assessment Commercial Air Conditioning Certification Commercial Refrigeration Certification Construction Electricity Assessment Construction Masonry-Blocklaying Assessment Construction Masonry-Blocklaying Assessment Construction Masonry-Bricklaying Assessment Construction Masonry-Bricklaying Assessment Copper Based Cabling Certification Core: Introductory Craft Skills, National Construction Career Test Cosmetology Assessment National Octoristication Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment National Octoristication Drafter Certification American Definition Testing Installer Certification American Definition American Definition Testing Installer Certification Testing Installer Certification	anization Sel Ver Cre Ccupational Competency titute (NOCTI) ence ence cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI)	x X X X X	Career and Technical Education Seal	Advanced Mathematics and Technology
Collision Repair/Refinishing Technology Assessment Commercial Air Conditioning Certification Commercial Refrigeration Certification Construction Electricity Assessment Construction Masonry-Blocklaying Assessment Construction Masonry-Blocklaying Assessment Construction Masonry-Bricklaying Assessment Construction Masonry-Bricklaying Assessment Construction Masonry-Bricklaying Assessment Construction Core: Introductory Craft Skills, National Construction Career Test Cosmetology Assessment Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Drafter Certification National Octoristication Testing Installer Certification Drafter Certification American De	anization Sel Ver Cre Ccupational Competency titute (NOCTI) ence ence cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI)	x X X X	Technical Education Seal	Mathematics and Technology
Commercial Air Conditioning Certification HVAC Excell Commercial Refrigeration Certification HVAC Excell Construction Electricity Assessment National October Testing Institute Construction Masonry-Blocklaying Assessment National October Testing Institute Construction Masonry-Bricklaying Assessment National October Based Cabling Certification RBT Systems Core: Introductory Craft Skills, National National Construction Career Test Education RET Systems Construction Career Test Education Section Institute Assessment National October Construction Career Test Education October Section Institute Assessment National October Section Institute Inst	titute (NOCTI) ence ence cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI)	X X X		_
Commercial Air Conditioning Certification HVAC Excell Commercial Refrigeration Certification HVAC Excell Construction Electricity Assessment National October Testing Institute Construction Masonry-Blocklaying Assessment National October Testing Institute Construction Masonry-Bricklaying Assessment National October Based Cabling Certification RBT Systems Core: Introductory Craft Skills, National National Construction Career Test Education RETESTING Institute Construction Career Test Education Construction Career Test Education Stational October Station Institute Certification (DCIC) Electronics Association Diesel Engine Mechanics Assessment National October Stational Oct	titute (NOCTI) ence ence cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI)	X X X		
Commercial Refrigeration CertificationHVAC ExcellConstruction Electricity AssessmentNational Octating Installer CertificationConstruction Masonry-Blocklaying AssessmentNational Octating Installer CertificationConstruction Masonry-Bricklaying AssessmentNational Octating Installer CertificationCopper Based Cabling CertificationRBT SystemsCore: Introductory Craft Skills, NationalNational Certification Section Sect	ence cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI)	X X		
Construction Electricity Assessment Construction Masonry-Blocklaying Assessment Construction Masonry-Blocklaying Assessment Construction Masonry-Bricklaying Assessment Construction Masonry-Bricklaying Assessment Construction Masonry-Bricklaying Assessment Copper Based Cabling Certification Core: Introductory Craft Skills, National Construction Career Test Cosmetology Assessment Criminal Justice Assessment Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Drafter Certification National Octorics Association National Octorics Association Association Drafter Certification American De	cupational Competency titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI)	Х	X	+
Construction Masonry-Blocklaying Assessment Construction Masonry-Bricklaying Assessment Construction Masonry-Bricklaying Assessment Copper Based Cabling Certification Core: Introductory Craft Skills, National Construction Career Test Cosmetology Assessment Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Drafter Certification Testing Installer Certification Testing Installer Certification (DCIC) Electronics Association National Octor Testing Installer Certification (DCIC) Association Diesel Engine Mechanics Assessment Drafter Certification American Desired	titute (NOCTI) cupational Competency titute (NOCTI) cupational Competency titute (NOCTI)			
Construction Masonry-Bricklaying Assessment Copper Based Cabling Certification Core: Introductory Craft Skills, National Construction Career Test Cosmetology Assessment Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Testing Installer Certification Testing Installer Certification (DCIC) Electronics Association National Octor Testing Installer Certification (DCIC) Electronics Association Association Drafter Certification Drafter Certification	titute (NOCTI) cupational Competency titute (NOCTI)	37		
Construction Masonry-Bricklaying Assessment Copper Based Cabling Certification Core: Introductory Craft Skills, National Construction Career Test Cosmetology Assessment Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment National Octor Association National Octor Testing Installer Certification (DCIC) Electronics Association National Octor Testing Installer Certification (DCIC) Association Diesel Engine Mechanics Assessment National Octor Testing Installer Certification (DCIC) Association Drafter Certification	cupational Competency titute (NOCTI)	Х		
Core: Introductory Craft Skills, National Construction Career Test Cosmetology Assessment Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Drafter Certification National Octor Testing Installer Association National Octor Testing Installer Association American De	, Inc.	Х		
Construction Career Test Cosmetology Assessment Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Drafter Certification Education & National Octor		X	X	
Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Drafter Certification Testing Installer Certification (DCIC) Association National Octor Testing Installer Certification American December 2	nter For Construction Research (NCCER)	Х	Х	
Criminal Justice Assessment Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Drafter Certification National Octor Association National Octor Testing Installer Certification American De	cupational Competency titute (NOCTI)	Х		
Data Cabling Installer Certification (DCIC) Diesel Engine Mechanics Assessment Drafter Certification Electronics Association National Octoor Testing Installer Certification American Description	cupational Competency titute (NOCTI)	Х		
Diesel Engine Mechanics Assessment National October Testing Instruction American De	Technicians , International (ETA)	Х	Х	
Drafter Certification American De	cupational Competency titute (NOCTI)	Х		
	sign Drafting	Х	Х	
Electric Heat Certification HVAC Excell		Х	X	
Electrical Certification HVAC Excell		X	X	1
Electrical Construction Assessment National Oc	cupational Competency titute (NOCTI)	X		
Electrical Principles: Residential Construction Delmar Thomacademy Examination Builders In	son Learning/Home stitute	Х	Х	
	nter For Construction Research (NCCER)	Х	Х	
Electronics Assessment National Oc	cupational Competency titute (NOCTI)	X		
EPA Technician Certification (Levels I, II, or III) Environment (Authorized	al Protection Agency	Х	Х	
Fiber Optic Network Cabling Certification RBT Systems		X	X	<u> </u>
Fiber Optics Installer Certification Electronics	Technicians	X	X	
	, International (ETA)	Х	Х	
Gas Heat Certification HVAC Excell	, International (ETA) partment of Fire	Х	Х	+

Board of Education Approved Industry Cer		cy Assessmen	nts, and Licens	ures
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Name of Credential	Issuing Organization	Student Selected Verified Credit	Career and Technical Education Seal	Advanced Mathematics and Technology Seal
General Drafting and Design Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
Graphic Communication Technology Assessment	National Occupational Competency Testing Institute (NOCTI)	X		
Graymark Cable Installation Certification	Graymark International	Х	X	
Heat Pump Certification	HVAC Excellence	Х	X	
Heating, Electrical, Air Conditioning Technology (HEAT) Examination	HVAC Excellence	Х	х	
House Wiring: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	Х	х	
HVAC: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	х	х	
HVAC, National Construction Career Test	National Center For Construction Education & Research (NCCER)	Х	X	
Industrial Maintenance Mechanic Assessment	National Occupational Competency Testing Institute (NOCTI)	х		
Installer (or Service) Core Certification (HVAC)	North American Technician Excellence, Inc. (NATE)	Х	Х	
IT Essentials 1 Examination (PC Hardware and Software)	Cisco Systems	Х	X	X
IT Essentials 2 Examination (Network Operating Systems)	Cisco Systems	Х	Х	Х
Light Commercial Heating & Air Conditioning Certification	Air Conditioning and Refrigeration Institute	Х	X	
Machining SkillsLevel I (Pass any one Machining (Level 1) examination with performance component)	National Institute for Metalworking Skills (NIMS)	Х	Х	
Masonry, National Construction Career Test	National Center For Construction Education & Research (NCCER)	Х	Х	
Metalworking and Fabrication Assessment	National Occupational Competency Testing Institute (NOCTI)	Х		
National Automotive Technicians Education Foundation (NATEF) End of Program Test Series Examinations (Pass any two NATEF, End of Program Test Series, exams)	, ,	Х	X	
Oil Heat Certification	HVAC Excellence	Х	X	1
Parts Specialist (ASE)—(Pass any one exam from Parts Specialist Test Series)			X	
Plumbing Assessment	National Occupational Competency Testing Institute (NOCTI)	X		

Board of Education Approved Industry Ce	rtifications, Occupational Competer	cv Assessmen	nts, and Licens	sures		
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		Meets	Meets Board of Education Criteria Student Career and Advanced			
Name of Credential	Issuing Organization	Student Selected Verified Credit	Career and Technical Education Seal	Advanced Mathematics and Technology Seal		
Plumbing: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	х	х			
Precision Machining Assessment	National Occupational Competency Testing Institute (NOCTI)	Х				
PrintED Certification	Graphic Arts Education and Research Foundation	Х	X			
Refinishing Technology Assessment	National Occupational Competency Testing Institute (NOCTI)	Х				
Residential Air-Conditioning and Heating Certification	Air Conditioning and Refrigeration Institute	Х	X			
SENSE Training Program Certification (Level 1, Entry-level Welder)	American Welding Society (AWS)	Х	X			
Student Electronics Technician Certification (SET)	Electronics Technicians Association, International (ETA)	Х	X			
Telecommunications Electronics Technician Certification	Electronics Technicians Association, International OETA)	Х	Х			
Television Broadcasting Assessment	National Occupational Competency Testing Institute (NOCTI)	Х				
Visual Communications Assessment	National Occupational Competency Testing Institute (NOCTI)	Х				
Voice and Data Cabling Examination	Cisco Systems	X	X	X		
Welding Assessment	National Occupational Competency Testing Institute (NOCTI)	Х				
Welding, National Construction Career Test	National Center For Construction Education & Research (NCCER)	X	Х			
License						
Barbers	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	Х	X			
Cosmetology	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	Х	Х			
Nail Technician	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	Х	Х			
Real Estate Salesperson	Virginia Real Estate Board (Dept. of Professional & Occupational Regulation)	X	Х			

Board of Education Approved Industry Certifications, Occupational Competency Assessments, and Licensures				
<u> </u>	Revised November 30, 2005	Meets Board of Education Criteria		
Name of Credential	Issuing Organization	Student Selected Verified Credit	Career and Technical Education Seal	Advanced Mathematics and Technology Seal
Examination				
Advanced Placement Computer Science A	The College Board	Passing Score = 3		Passing Score
Advanced Placement Computer Science AB	The College Board	Passing Score = 3		Passing Score = 3
College Level Examination Program (CLEP): Information Systems and Computer Applications	The College Board	Passing Score = 52		Passing Score = 52
International Baccalaureate Computer Science (Standard Level)	The International Baccalaureate Organization	Passing Score = 3		Passing Score = 3
International Baccalaureate Computer Science (Higher Level)	The International Baccalaureate Organization	Passing Score = 3		Passing Score = 3
International Baccalaureate Information Technology in a Global Society (IB6613) (Standard Level)	The International Baccalaureate Organization	Passing Score = 3		Passing Score = 3
Note: New industry certification credentials and occupational				
competency assessments are printed in bold.				

Deletions to Board of Education's Approved Industry Certifications and Licenses Revised November 30, 2005				
Certifications	Issuing Organization	Deletions		
AutoCAD 2000 Certification	Brainbench	Certification program has been re- organized		
AutoCAD 2002 Certification	Brainbench	Certification program has been re- organized		
Microsoft Office Specialist (MOS) - (Pass any two unique MOS exams at the core level)	Microsoft	Certification program has been re- organized		
Oracle Certified Professional (Pass any one Oracle Professional Certification exam)	Brainbench	Certification program has been re- organized		
Plumbing, National Construction Career Test	National Center for Construction Education and Research (NCCER)	Credential has been discontinued		